

PATENT

Case Docket No. ASMINT.049AUS

Date: February 10, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Granneman  
Appl. No. : 10/728,126  
Filed : December 3, 2003  
For : APPARATUS AND METHOD  
FOR THE ATOMIC LAYER  
DEPOSITION ON  
SUBSTRATES  
Examiner : Unknown  
Group Art Unit : Unknown

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

February 10, 2004

(Date)

*Adeel S. Akhtar*

Adeel S. Akhtar, Reg. No. 41,394

TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

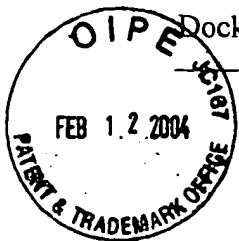
Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 listing Thirty-Seven (37) references, of which 11 are enclosed.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

*Adeel S. Akhtar*

Adeel S. Akhtar  
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## INFORMATION DISCLOSURE STATEMENT

Applicant : Granneman  
App. No. : 10/728,126  
Filed : December 3, 2003  
For : APPARATUS AND METHOD FOR THE  
ATOMIC LAYER DEPOSITION OF  
SUBSTRATES  
Examiner : Unknown  
Group Art Unit : Unknown

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing 37 references. Copies of disclosed U.S. patents and/or publications are not included pursuant to PTO waiver of the requirement under 37 C.F.R. § 1.98(a)(2)(i) for applications filed after June 30, 2003. Copies of other references, if listed, are enclosed.

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: February 10, 2004

By: Adeel S. Akhtar

Adeel S. Akhtar  
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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
ASMINT.049AUSAPPLICATION NO.  
10/728,126INFORMATION DISCLOSURE STATEMENT  
BY APPLICANTAPPLICANT  
GrannemanFILING DATE  
December 3, 2003GROUP  
Unknown

(USE SEVERAL SHEETS IF NECESSARY)

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	1	3,854,443	12/17/74	Baerg			
	2	5,500,256	3/19/96	Watabe			
	3	5,542,559	8/6/96	Kawakami et al.			
	4	5,551,982	9/3/96	Anderson et al.			
	5	5,595,606	1/21/97	Fujikawa et al.			
	6	5,624,498	4/29/97	Lee et al.			
	7	5,674,320	10/7/97	Kordina et al.			
	8	5,711,811	1/27/98	Suntola et al.			
	9	5,811,022	9/22/98	Savas et al.			
	10	5,916,365	6/29/99	Sherman			
	11	5,983,906	11/16/99	Zhao et al.			
	12	6,042,652	3/28/00	Hyun et al.			
	13	6,097,005	8/1/00	Akimoto			
	14	6,111,225	8/29/00	Ohkase et al.			
	15	6,148,761	11/21/00	Majewski et al.			
	16	6,183,565 B1	2/6/01	Granneman et al.			
	17	6,305,314 B1	10/23/01	Sneh et al.			
	18	6,364,949 B1	4/2/02	Or et al.			
	19	6,368,987 B1	4/9/02	Kopacz et al.			
	20	6,399,922 B2	6/4/02	Okase et al.			
	21	6,416,822 B1	7/9/02	Chiang et al.			
	22	6,428,859 B1	8/6/02	Chiang et al.			
	23	6,446,573 B2	9/10/02	Hirayama et al.			
	24	US 2002/0066411 A1	6/6/02	Chiang et al.			
	25	US 2002/0068458 A1	6/6/02	Chiang et al.			
	26	US 2002/0197402 A1	12/26/02	Chiang et al.			

EXAMINER

DATE CONSIDERED

\*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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Unknown

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## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	27	JP402034915A	2/5/90	Japan			Abstract	
	28	JP404078130A	3/12/92	Japan			Abstract	
	29	JP361294812A	12/25/86	Japan			Abstract	
	30	JP362021237A	1/29/87	Japan			Abstract	
	31	JP 61263118A	11/21/86	Japan			Abstract	
	32	WO 00/63957	10/26/00	PCT			N/A	
	33	WO 00/79019 A1	12/28/00	PCT			N/A	
	34	WO 00/79576 A1	12/28/00	PCT			N/A	
	35	WO 01/17692 A1	3/15/01	PCT			N/A	
	36	0015390B1	9/25/85	EPO			N/A	
	37	0550058A2	7/7/93	EPO			N/A	

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DATE CONSIDERED

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